**proc** **import** datafile = 'E:\low prognosis.xlsx'

DBMS = excel replace out = wz;

**run**;

/\*ITT analysis for continuous variables—test for normality\*/

**proc** **univariate** data=wz normal;

class group;

var age BMI duration AFC FSH LH E2 T AMH Gnday Gndose HCGE2 HCGP oocyte D3good CETEM;

histogram/ normal (color=red mu=est sigma=est);

**run**;

/\*ITT analysis for continuous variables—table 1-2\*/

**proc** **means** data=wz median q1 q3 maxdec=**1**;

class group;

var age BMI duration AFC FSH LH E2 T AMH Gnday Gndose HCGE2 HCGP oocyte D3good CETEM;

**run**;

**proc** **npar1way** wilcoxon;

class group;

var age BMI duration AFC FSH LH E2 T AMH Gnday Gndose HCGE2 HCGP oocyte D3good CETEM;

**run**;

/\*ITT analysis for categorical variables—table 1-3\*/

**proc** **freq** data=wz;

tables group\*(agesub possion gravida indication cycle COHprotocol fertilization FETpreparation numberstage goodquality notransfer noembryo eggfreeze naturalpregnant notransferyet totalD3 totalD5 surplusD3 surplusD5)/ chisq expected riskdiff RELRISK EXACT NOCOL NOPERCENT;

**run**;

/\*ITT analysis for pregnancy outcomes—table 4\*/

**proc** **freq** data=wz;

tables group\*(livebirth singletonlive twinlive clinical singlepregnancy twinpregnancy totalloss bioloss clinicalloss earlyloss lateloss healthlive cumlivebirth)/ chisq expected riskdiff RELRISK EXACT NOCOL NOPERCENT;

**run**;

/\*ITT analysis for maternal complications—table 5\*/

**proc** **freq** data=wz;

tables group\*(ectopic GDM hypertension preeclampsia previa PROM stillbirth haemorrhage preterm)/ chisq RELRISK expected EXACT NOCOL NOPERCENT;

**run**;

**proc** **import** datafile = 'E:\low prognosis for baby.xlsx'

DBMS = excel replace out = wzbaby;

**run**;

/\*singleton birthweight\*/

**proc** **means** data=wzbaby;

WHERE livenumber =**1**;

class group;

var birthweight;

**run**;

**proc** **ttest** data=wzbaby;

WHERE livenumber =**1**;

class group;

var birthweight;

**run**;

/\*twin birthweight\*/

**proc** **means** data=wzbaby;

WHERE livenumber =**2**;

class group;

var birthweight;

**run**;

**proc** **ttest** data=wzbaby;

WHERE livenumber =**2**;

class group;

var birthweight;

**run**;

/\*ITT analysis for neonatal complications—table 5\*/

**proc** **freq** data=wzbaby;

tables group\*(LGA SGA jaundice infection hospitalization death defect)/ chisq expected riskdiff RELRISK EXACT NOCOL NOPERCENT;

**run**;